**Applications 1 – Revision List**

Be aware that questions using the following skills will generally be presented in a worded context.

Much of the work from Methods 1 is common to Applications 1, the list below covers most of the new taught content.

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| **AT** | **Topic** | **Revision Source** |
| A | 3-D Coordinates | MathsWatch 120 |
| A | Forming & solving simultaneous equations. | MathsWatch 142 & 115 |
| A | Gradients of lines | MathsWatch 113 &143 |
| A | Linear Programming | MathsWatch 144  OLB/ MyMaths A-level D1 |
| A | Straight line graphs | MathsWatch 113 & 117 |
| D | Box and whisker plots | MathsWatch 152 |
| D | Cumulative Frequency | MathsWatch 151 |
| D | Flowcharts, using and drawing. | OLB |
| D | Histograms | MathsWatch181 |
| D | Index numbers.  Meaning of RPI and CPI | MyMaths GCSE Statistics |
| D | Means from frequency tables | MathsWatch 133 |
| D | Questionnaires | MathsWatch 134 |
| D | Scattergraphs, correlation, lines of best fit. | MathsWatch 84 |
| D | Stratified Sampling | MyMaths GCSE Statistics |
| D | Time series and moving averages | MyMaths GCSE Statistics |
| N | AER – Annual equivalent rate | OLB |
| N | Best value for money | MathsWatch 50 |
| N | Compound Interest | MathsWatch 137 |
| N | Exchange rates |  |
| N | Percentage increase. | MathsWatch 93 & 136 |
| N | Ratio | MathsWatch 94 |
| N | Reverse Percentages | MathsWatch 139 |
| N | Spreadsheets (formulas for sums, means, percentages etc.) | OLB |
| N | Standard Form | MathsWatch 135 |
| S | Area of a trapezium | MathsWatch 70 |
| S | Bounds of accuracy | MathsWatch 125 & 160 |
| S | Density, mass, volume | MathsWatch 126 |
| S | Equivalent areas | MathsWatch 106 |
| S | Measures e.g miles/km, lbs/kg |  |
| S | Similar Shapes | MathsWatch 123 |
| S | Similar Volumes | MathsWatch 149 |

**Notes:**

1. OLB = Online book – download from the Wikispace
2. MyMaths – [www.mymaths.co.uk](http://www.mymaths.co.uk),login: glyn, password: square
3. MathsWatch – higher CDROM/DVD, to buy £4.